



# Oncology Tests Portfolio



# Histopathology (HP) & IHC

- FFPE Block preparation and Histopathology services (Small, Medium, Large)
- FFPE Block/Slide Review
- Final Diagnosis Panel by Immunohistochemistry (100+ markers)
- Diagnostic Markers (1-10) with Interpretation
- ER, PR, Her2
- ALK, ROS1
- MIB1-/Ki67
- MMR genes
- TP53
- CD68, 163, 535, 542
- PD-L1

# Cytogenetics / FISH

- Karyotyping (Leukemia & Non- Leukemia)
- FISH for Multiple Myeloma (11 markers) including 1q21 gain
- Lymphoma & Leukemia (ALL, CLL, MDS, AML, JMML)
- ALK, ROS1
- HER2(ERBB2)
- CDKN2A
- IGH
- C-MYC
- MET
- PDGFRA/PDGFRB
- Glioma (1p19q codeletion)

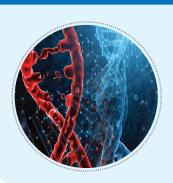
# Flow Cytometry

- Acute Leukemia Classifier / Screen Panel
- Chronic Lymphocytic Leukemia (CLL)
- Lymphoproliferative Disorder
- Myelodysplastic Syndrome (MDS)
- Multiple Myeloma (CD56, CD138, kappa, lambda)
- B-ALL MRD
- T-ALL MRD
- Multiple Myeloma MRD
- HLAB27

# RT- PCR/ Fragment analysis

- Acute Myeloid Leukemia (AML)
- Acute Lymphocytic Leukemia (ALL)
- JAK2
- MGMT Methylation
- KRAS, PIK3CA, EGFR, NRAS, BRAF
- BCR-ABL1 (Qualitative)
- BCR-ABL1 (Quantitative)
- BCR- ABL1 MRD
- FLT3 by Sanger Sequencing
- MSI by PCR
- IGHV Gene Sequence Analysis

#### **Germline NGS Test**



- Comprehensive Hereditary Cancer Panel (includes large deletions / duplications with >98% sensitivity)
- Hereditary Cancer Panel
- HBOC Gene Panel
- Lynch Syndrome/HPNCC Panel
- BRCA1/2 Germline Mutation Panel
- Germline Mutation Analysis in 15 HRR Pathway Genes
- DPYD Gene Analysis by NGS

#### Soild Tumor NGS Test

### **Tumor Biopsy**

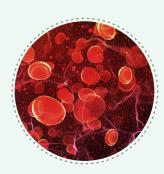
- Comprehensive Tumor Panel (SNVs, InDels, Fusions, CNVs, MSI & TMB) by NGS
- PD-L1 by IHC (22C3 (Dako), SP142, SP263 (Ventana))
- Endometrial Cancer Panel
- ThyroTrack: Thyroid Prognostication Panel
- Lung Cancer Panel
- Soft Tissue Sarcoma Panel
- Glioma Gene Panel
- Gastrointestinal Stromal Tumor (GIST) Gene Panel
- HRDTrack Test
- Colorectal Cancer Panel
- BRCA1/2 Mutation Analysis
- 15 HRR Pathway Genes Including BRCA1/2

### **Liquid Biopsy**

- OncoTrack Advance (SNVs, InDels and Fusions) - 130+ Genes
- OncoTrack Ultima (SNVs & InDels) 115+ Genes
- OncoTrack (SNVs & InDels) 4 Genes
- OncoFocus EGFR Gene by Liquid Biopsy
- LungTrack Advance (SNVs, InDels and Fusions) - 24 Genes
- ESR1 Gene Analysis
- PIK3CA Mutation Analysis
- MRD Tests on Solid Tumours
- HRRTrack: 15 HRR Pathway Genes Including BRCA1/2



# **Liquid Tumor NGS Test**



- Comprehensive Leukemia Panel (SNVs, InDels & CNVs-133 genes and Fusions - >600 genes) - All major heme malignancies covered
- Leukemia panel (SNVs & InDels) 133 genes
- TPMT/NUDT15 Gene Analysis
- Acute Lymphocytic Leukemia (ALL) Risk Stratification Panel
- Leukemia Fusions by NGS 600+ Fusions
- Acute Myeloid Leukemia Risk Stratification Panel
- MRD Tests on Leukemia by NGS
- ABL Gene Kinase Domain Analysis for TKI Resistance by NGS
- ClonoSeq (FDA approved) NGS Based Test for MRD in ALL, CLL & MM